ABSTRACT OF THE DISCLOSURE

Methods of treating cyclooxygenase-2 mediated disorders comprising administering to a subject a therapeutically effective amount of one or more fluoro-substituted benzenesulfonyl compounds corresponding to Formula I:

$$\mathbb{R}^2$$
 \mathbb{R}^3

5 wherein A, X, n, R¹, R², and R³ are as described in the specification, and novel fluorosubstituted benzenesulfonyl compounds within Formula I.